Attorney Docket No.: 5649-1103   PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Im et al.   Group Art Unit: 2818
Serial No.: 10/630,116   Examiner: Hoai V. Ho
Filed: July 30, 2003   Confirmation No.: 8336
For: DEDICATED REDUNDANCY CIRCUITS FOR DIFFERENT OPERATIONS IN A
        FLASH MEMORY DEVICE AND METHODS OF OPERATING THE SAME

                                                    December 23, 2004

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

                              AMENDMENT

Sir:

        Applicants provide the present Amendment to address the issues raised in the Official

Action mailed September 27, 2004, pursuant to the rules stated in revised 37 C.F.R. 1.121

that became effective on July 30, 2003.

        It is not believed that an extension of time and/or additional fee(s), including fees for

additional claims, are required, beyond those that may otherwise be provided for in

documents accompanying this paper. In the event, however, that an extension of time is

necessary to allow consideration of this paper, such an extension is hereby petitioned under

37 C.F.R. §1.136(a). Any additional fees believed to be due in connection with this paper

may be charged to our Deposit Account No. 50-0220.

        Amendments to the Claims are reflected in the listing of claims, which begin on

page 2 of this paper.

        Remarks/Arguments begin on page 11 of this paper.
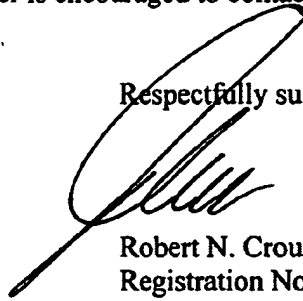
With respect to Claim 22, as discussed above, Lee and Kim do not disclose at least the recitations discussed above in reference to Claim 19. Accordingly, even if Lee and Kim were combined as alleged, the combination would not teach all of the recitations of Claim 22 as this claim includes all the recitations of Claim 19 which, as discussed above, is patentable over Lee and Kim. Accordingly, Claim 22 is patentable over Lee/Kim in view of Akaogi for at least these reasons.

CONCLUSION

Applicants have placed several of the indicated allowable claims in condition for allowance as suggested by the Examiner. Applicants have canceled numerous rejected claims while rewriting others in allowable form. Applicants also amended Claim 19 to further highlight the patentable recitations therein and have shown at least some of the distinction between Lee and Kim. Accordingly, Applicants respectfully submit that all claims are in condition for allowance which is respectfully requested in due course. If any informal matters arise, the Examiner is encouraged to contact the undersigned by telephone at (919) 854-1400.

Respectfully submitted,

Robert N. Crouse
Registration No. 44,635

USPTO Customer No. 20792
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: 919/854-1400
Facsimile: 919/854-1401

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☐   Please charge my Deposit Account No. 50-0220 in the amount of $____ for ____.

☒   A check in the amount of $600.00 to cover the additional claims fee is enclosed.

☒   The Commissioner is hereby authorized to charge the appropriate fees associated with this communication or credit any overpayment to Deposit Account No. 50-0220.
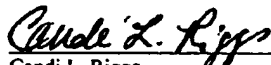
Respectfully submitted,

Robert N. Crouse
Registration No. 36,925

USPTO Customer No. 20792
Myers Bigel Sibley & Sajovec
Post Office Box 37428
Raleigh, North Carolina 27627
Telephone: 919/854-1400
Facsimile: 919/854-1401

PATENT APPLICATION FEE DETERMINATION RECORD
Substitute for Form PTO-875

Application or Docket Number

10630116

CLAIMS AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE	FEE	OR	OTHER THAN SMALL ENTITY RATE	FEE
BASIC FEE (37 CFR 1.16(a))				$____	OR		$____
TOTAL CLAIMS (37 CFR 1.16(c))	minus 20 =	.	X $____ =		OR	X $____ =	
INDEPENDENT CLAIMS (37 CFR 1.16(b))	minus 3 =	.	X $____ =		OR	X $____ =	
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))			+ $____ =		OR	+ $____ =	
			TOTAL		OR	TOTAL	

* If the difference in column 1 is less than zero, enter "0" in column 2.

BEST AVAILABLE COPY

CLAIMS AS AMENDED – PART II

AMENDMENT A

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	39	Minus	41	= 2	X $____ =		OR	X $50 =	100
Independent (37 CFR 1.16(b))	9	Minus	6	= 3	X $____ =		OR	X $100 =	600⁰⁰
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____ =		OR	+ $____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	700

Pd.

AMENDMENT B

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	.	Minus	..	=	X $____ =		OR	X $____ =	
Independent (37 CFR 1.16(b))	.	Minus	...	=	X $____ =		OR	X $____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____ =		OR	+ $____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

AMENDMENT C

	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE	ADDITIONAL FEE	OR	OTHER THAN SMALL ENTITY RATE	ADDITIONAL FEE
Total (37 CFR 1.16(c))	.	Minus	..	=	X $____ =		OR	X $____ =	
Independent (37 CFR 1.16(b))	.	Minus	...	=	X $____ =		OR	X $____ =	
FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+ $____ =		OR	+ $____ =	
					TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.